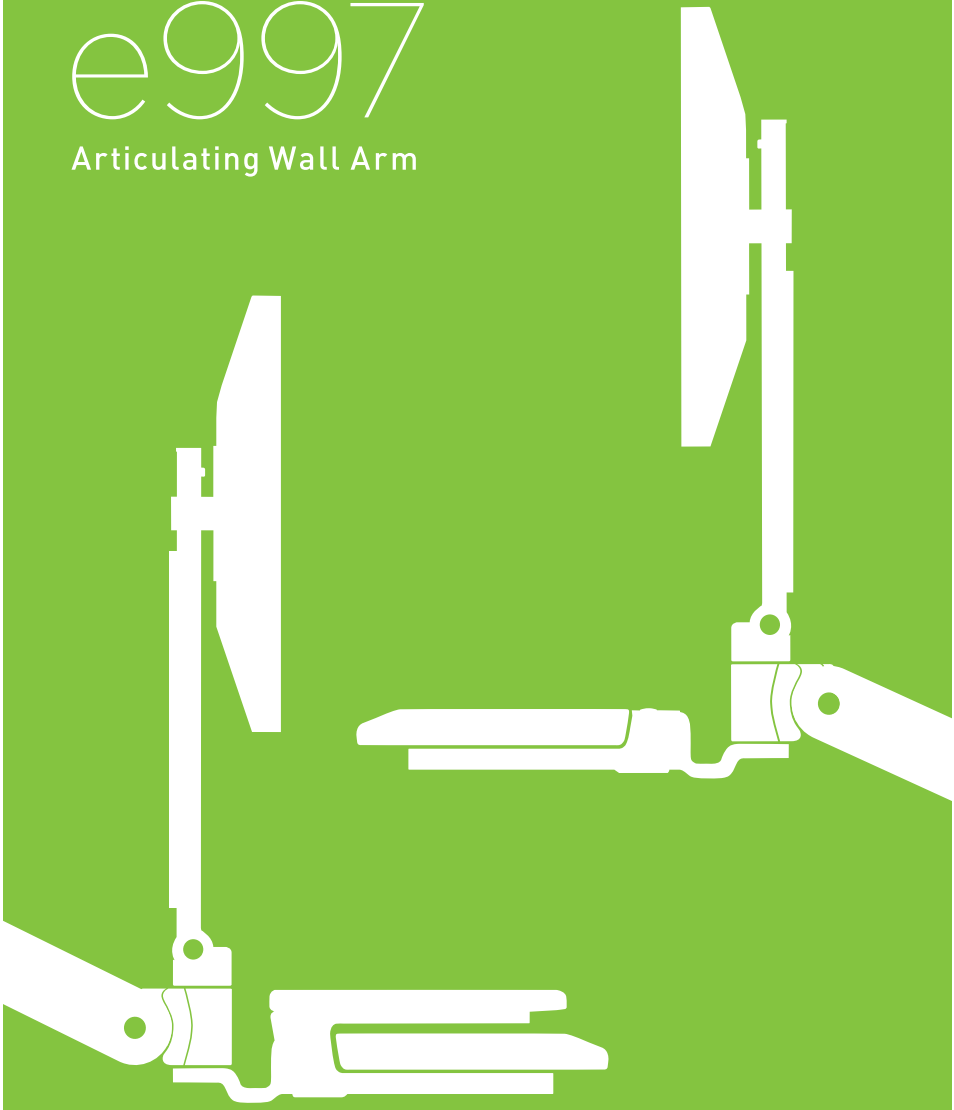
e997

Articulating Wall Arm



MANUAL 07.11.14

IM004-02

enovate MEDICAL

The Enovate Medical e997 Articulating Wall Arm was designed to set a new standard in quality. Enovate Medical's goal is to provide a wall arm that is ready for years of use, and backed by a commitment of exemplary service and support.

Thank you for purchasing the Enovate Medical e997 Articulating Wall Arm!

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4 COMPONENTS & HARDWARE
8 MOUNTING
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16 CABLE MANAGEMENT
22 ADJUSTMENTS
26 ACCESSORIES
27 MOVEMENT

Warnings

Important Warnings	Electrical Shock Warning

The above symbols represent safety warnings that require significant attention when seen on the EMC cart or in the user manual. Failure to do so could result in minor injury, major injury, or even death.

Read the entire installation manual before you begin.

MOUNTING

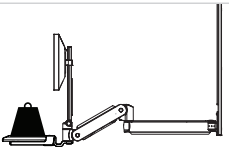
Installer must verify that the entire wall will safely support the combined weight of all attached equipment and hardware. Improper installation of this product can cause extensive property damage or serious personal injury, either during or after installation. It is the responsibility of the installer to ensure that all applications including wood, concrete, block, brick, steel, etc are secured properly and are in compliance with local and national building codes. California installations could require specific anchorage, and additional mounting screws. Check with local authorities for codes in your area. Other seismic states have similar regulations.

WARNING:
Because wall surfaces and construction methods and materials vary, it is imperative that you consult with the appropriate engineering, architectural or construction professional to ensure that your wall computing station is mounted properly to handle the applied loads.

ELECTRICAL SHOCK HAZARD:
Cutting or drilling into electrical wires and cables can cause FIRE, DEATH or SERIOUS PERSONAL INJURY! Always make certain the area behind the mounting surfaces is free of electrical wires and cables before drilling into wall.

EXPLOSION AND FIRE HAZARD:
Drilling into gas plumbing can cause EXPLOSION, FIRE, DEATH or SERIOUS PERSONAL INJURY! Always make certain the area behind the mounting surface is free of gas, water, waste, or any other plumbing before drilling into wall.

WARNING:
Weight should not exceed 20lbs



SERVICE AND REPLACEMENT

Warranty will be void if an attempt to service or replace any part of the Enovate Medical Wall Arm is made unless directed to do so through Enovate Medical approved documentation (i.e., this User Manual or other instructions). Only Enovate Medical or an Enovate-certified entity may service or replace the Enovate Medical Wall Arm components. If any component on the Enovate Medical Wall Arm is missing or damaged, the wall station must not be used. Contact Enovate Medical immediately to request service.

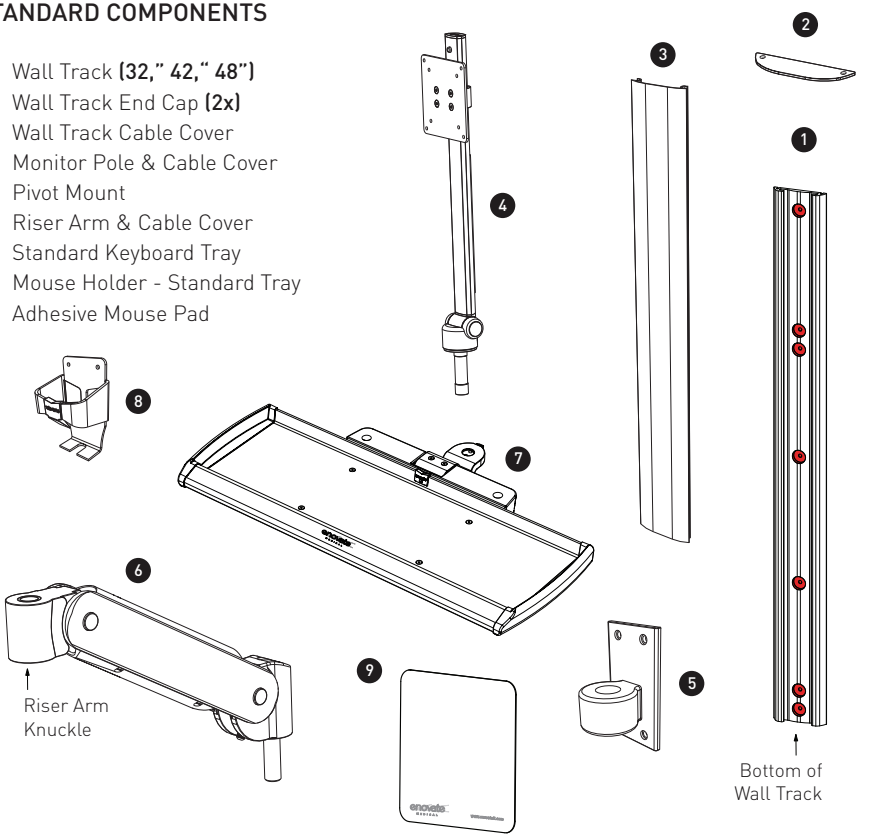
If the unit is not working properly, please contact Enovate Medical Customer Service at:

enovatemedical.com/support
888.909.8930 toll free

Components & Hardware

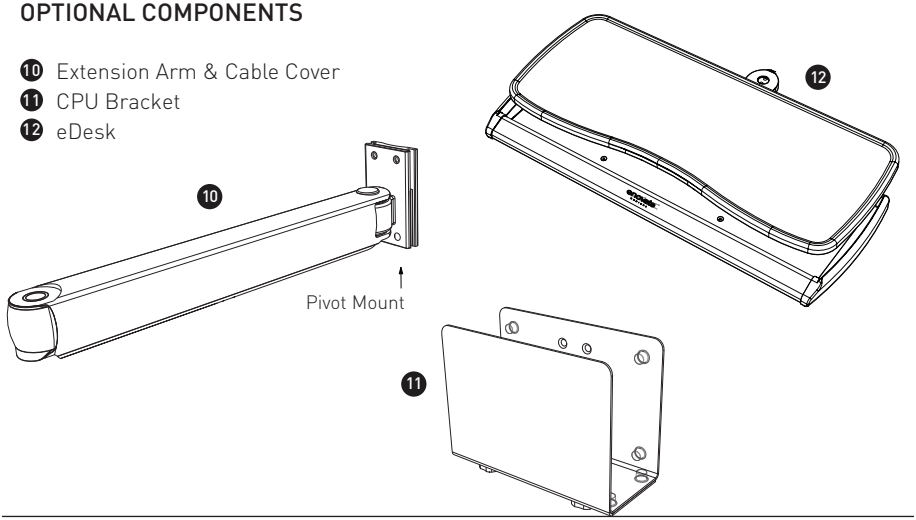
STANDARD COMPONENTS

1. Wall Track **(32," 42," 48")**
2. Wall Track End Cap **(2x)**
3. Wall Track Cable Cover
4. Monitor Pole & Cable Cover
5. Pivot Mount
6. Riser Arm & Cable Cover
7. Standard Keyboard Tray
8. Mouse Holder - Standard Tray
9. Adhesive Mouse Pad

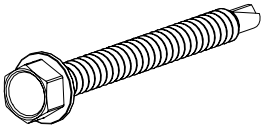


OPTIONAL COMPONENTS

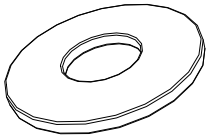
10. Extension Arm & Cable Cover
11. CPU Bracket
12. eDesk



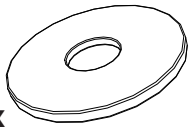
HARDWARE INCLUDED



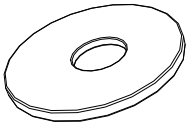
(6-8)x
1/4"-14 x 2 1/2"
Hex Nut Self Tapping Metal Screw
(for metal stud mounting only)



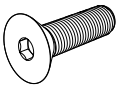
2x
Plastic Washer



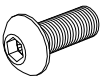
(6-8)x
1/4 "x 1"
Phenolic Washer



(6-8)x
1-4" x 1"
Wide Flat Washer



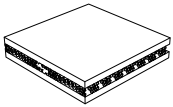
2x
10-24 x 3/4"
Flat Head Screw



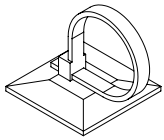
4x
10-24 x 1/2"
Button Head Screw

4x
M4 x 16mm
Pan Head Screw

4x
#10 x 1/4"
Standoff

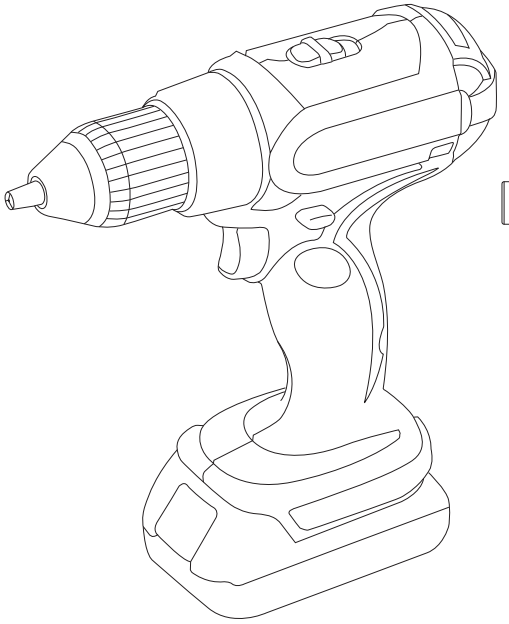


4x
Dual Lock Pads

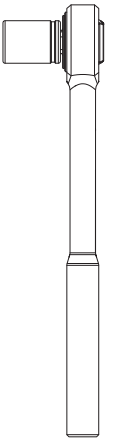


5x
Cable Tie
& Adhesive Pad

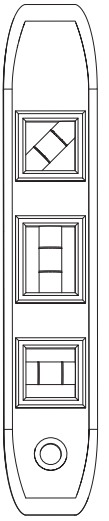
TOOLS NEEDED



Drill

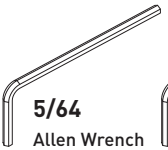


3/8" Socket Wrench

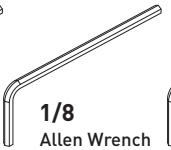


Level

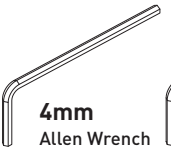
Pencil



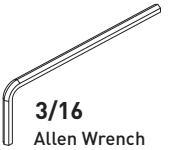
5/64 Allen Wrench



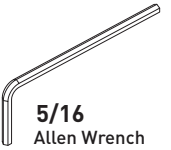
1/8 Allen Wrench



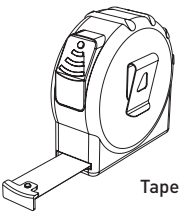
4mm Allen Wrench



3/16 Allen Wrench

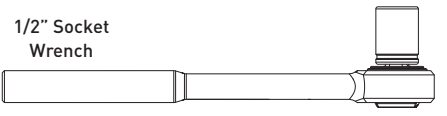


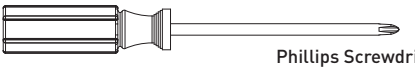
5/16 Allen Wrench



Tape Measure

1/2" Socket Wrench





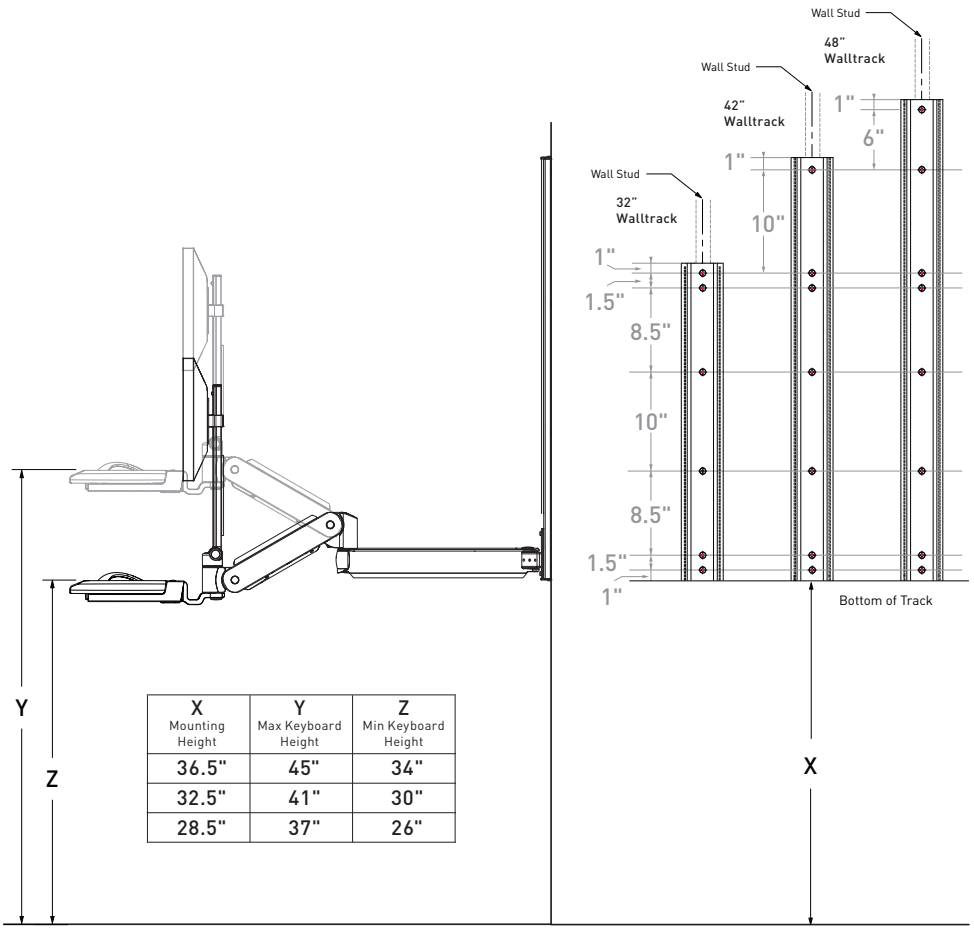
Phillips Screwdriver

Flat Head Screwdriver

The following procedures must be performed as described to ensure proper installation

Mounting

NOTE: Always mount the e997 to a wall stud.



X Mounting Height	Y Max Keyboard Height	Z Min Keyboard Height
36.5"	45"	34"
32.5"	41"	30"
28.5"	37"	26"

MOUNTING HEIGHT DIAGRAM

Preferred Method of Mounting
20 Gage (.035") or Heavier Metal Stud

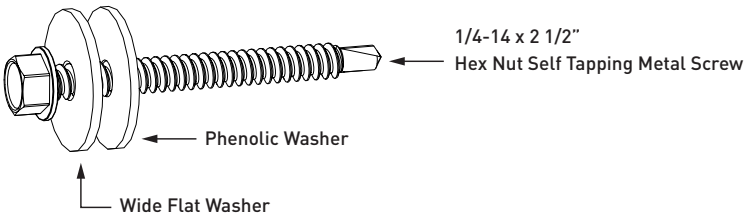
STEP 1
Determine Your desired keyboard height. Use the chart on previous page for standard keyboard heights, adjust vertical dimensions as required for desired keyboard height.

STEP 2
Locate the exact center line of the wall stud where the arm will be mounted.

STEP 3
Using a level, mark the hole locations for the appropriate track size using the dimensions to the left (make note of the bottom of the track).

STEP 4
Place the track against the wall and secure with the Wide Flat Washer, the Phenolic Washer and the ***Hex Nut Self Tapping Metal Screw***
DO NOT DRILL PILOT HOLES.

STEP 5
Ensure track is level before fully tightening screws.
DO NOT OVER TIGHTEN SCREWS . If hole strips out see page 10.



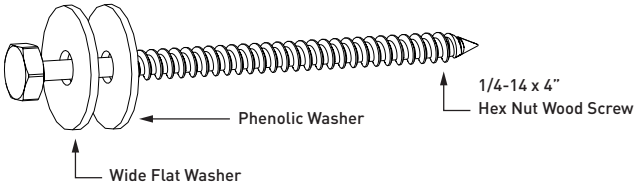
REF: OSHPD# OPA=2671-10

Wood Stud Mounting **(Hardware not included)**

Follow Steps 1 through 3 from the previous page

STEP 4
Drill a 3/16" pilot hole into each of the mounting hole locations. Use the Wide Flat Washer, Phenolic Washer and the ***Hex Nut Wood Screw*** to secure the track to the wall.

STEP 5
Ensure track is level before fully tightening screws.



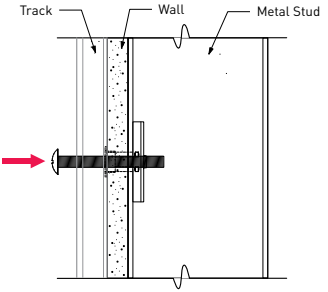
For Striped Holes or Lighter than 20 (.035") Gage Metal Studs

(Hardware not included)

Follow Steps 1 through 3 from the previous page

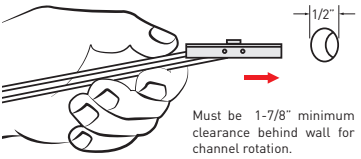
STEP 4
Drill a ½" holes through the center of the striped hole and install **SNAPTOGGLE®** brand hollow wall anchors. (See wall anchor installation instructions on page 11)

STEP 5
Ensure track is level before fully tightening with **cross drive 1/4"-20 x 2 1/2"** screws.

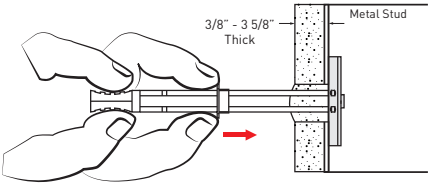


SNAPTOGGLE® METAL STUD ANCHOR INSTALLATION

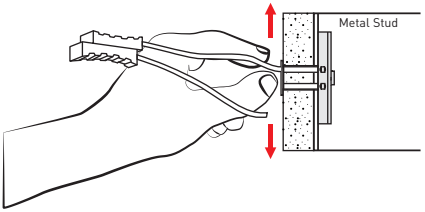
STEP 1
Drill a ½" hole through center of metal stud. Hold metal channel flat alongside plastic straps and slide channel through hole.



STEP 2
Hold ends of straps between thumb and forefinger and pull toward you until channel rests flush behind wall. Slide plastic cap along straps with other hand until flange of cap is flush with wall.



STEP 3
Snap straps at wall by pushing side to side, snapping off straps level with flange of cap.



Patented under one or more of the following U.S. Patent Nos.: 4,993,901; 5,028,186; 5,161,296; 5,938,385; 6,161,999; 7,144,212; 7,320,569; and foreign counterparts thereof and of 4,650,386 and 4,752,170. Other patents pending.

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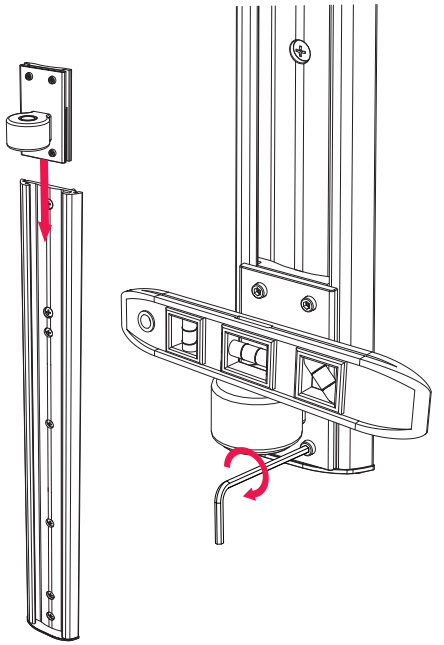
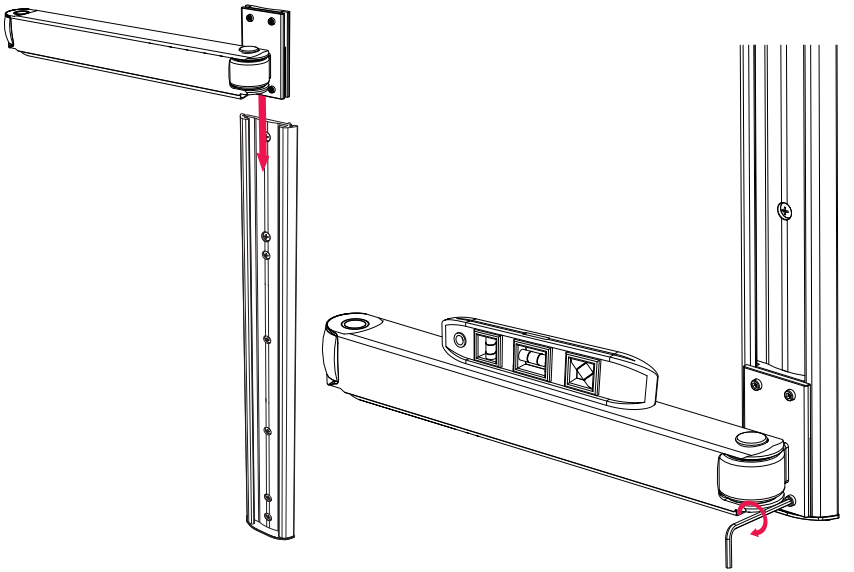
Assembly

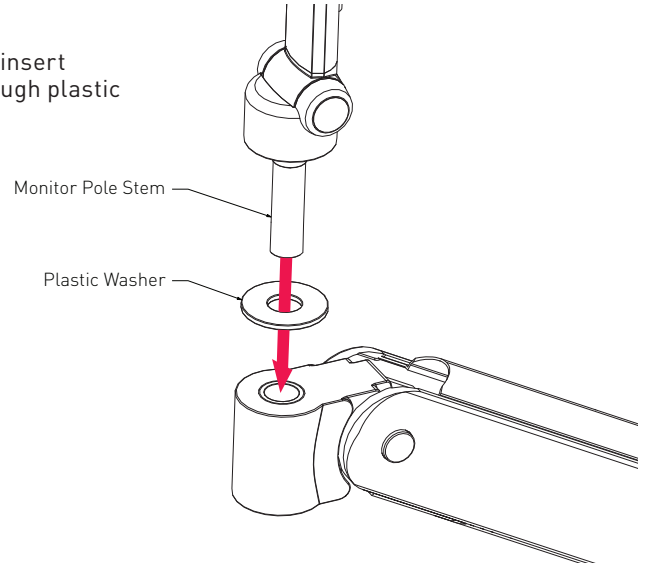
STEP 1 (NON-EXTENSION ARM)
Slide pivot mount to bottom of wall track (you may need to pull the pivot mount towards you while sliding); level and secure screws tightly with 3/16" allen wrench.



STEP 1.2 (EXTENSION ARM)
Slide pivot mount with extension arm to bottom of wall track; level and secure screws tightly with 3/16" allen wrench.

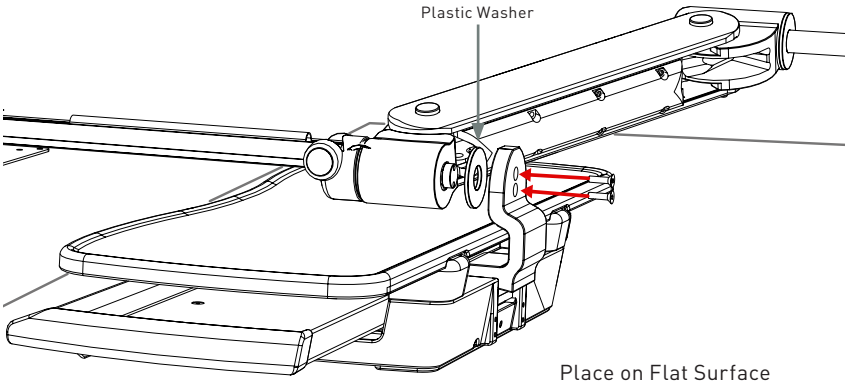


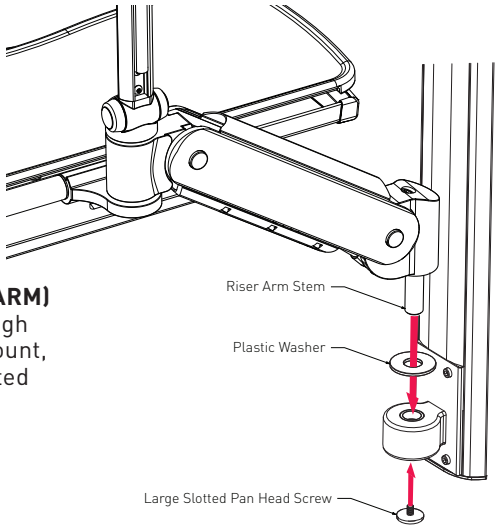
STEP 2
While on a flat surface insert monitor pole stem through plastic washer into riser arm.



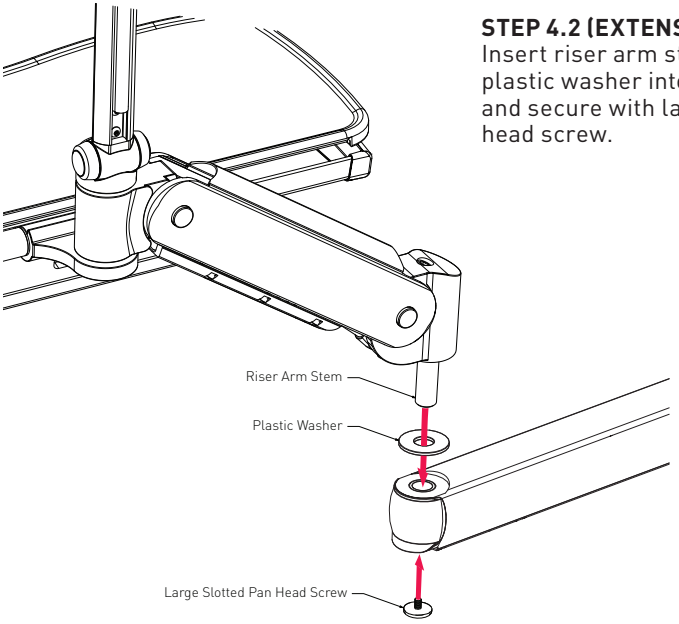
STEP 3
Using a 1/8" allen wrench attach keyboard tray (or eDesk) to monitor pole stem with #10-24 x 3/4" flat head screws.

NOTE:
To avoid stripping the screws or screw holes do not use a power tool for this step. Screws should be hand tightened only. Only use screws provided in installation kit

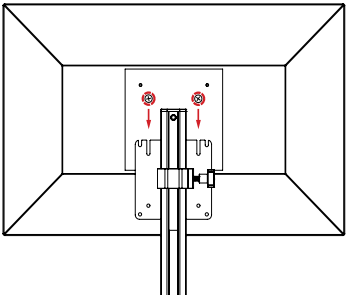




STEP 4 (NON-EXTENSION ARM)
Insert riser arm stem through plastic washer into pivot mount, and secure with large-slotted pan head screw.



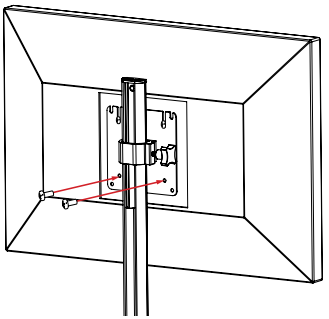
STEP 4.2 (EXTENSION ARM)
Insert riser arm stem through plastic washer into extension arm and secure with large slotted pan head screw.



MOUNTING THE MONITOR

STEP 1
Loosely insert two M4 x 16mm screws with standoffs into the top two holes of the VESA pattern on the back of the monitor.

STEP 2
Align screws with the quick mount slots in the monitor pole VESA plate. Slide the monitor into place and tighten the screws.

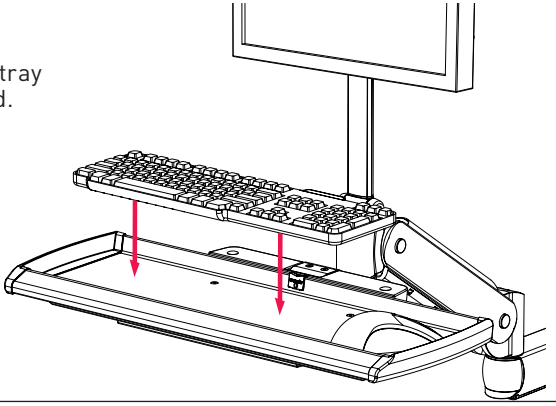


STEP 3
Insert the additional two M4 x 16mm screws and standoffs into the bottom two holes of the monitor pole VESA plate to properly secure the monitor.

NOTE:
Use the 4 #10 Standoffs if needed.

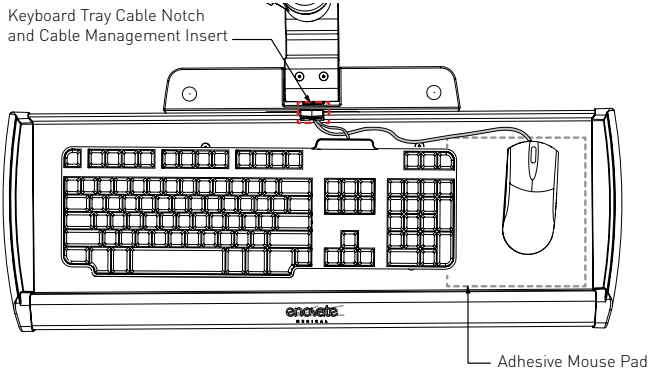
Adhesive Mouse Pad
Place the adhesive mouse pad into place before mounting the keyboard.

MOUNTING THE KEYBOARD
Mount keyboard to keyboard tray using dual lock pads provided.

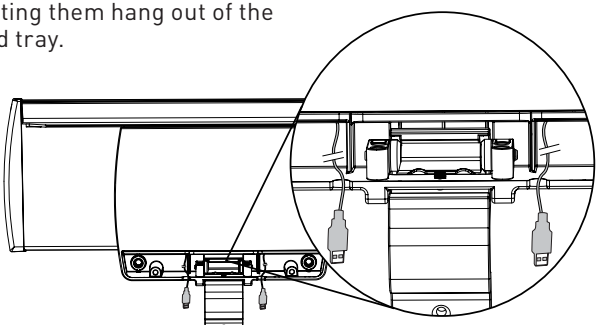


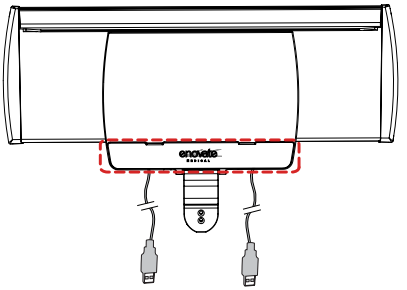
Cable Management

STANDARD KEYBOARD CABLE MANAGEMENT



STEP 1
Run the mouse and keyboard cables through the keyboard notch letting them hang out of the bottom of the keyboard tray.

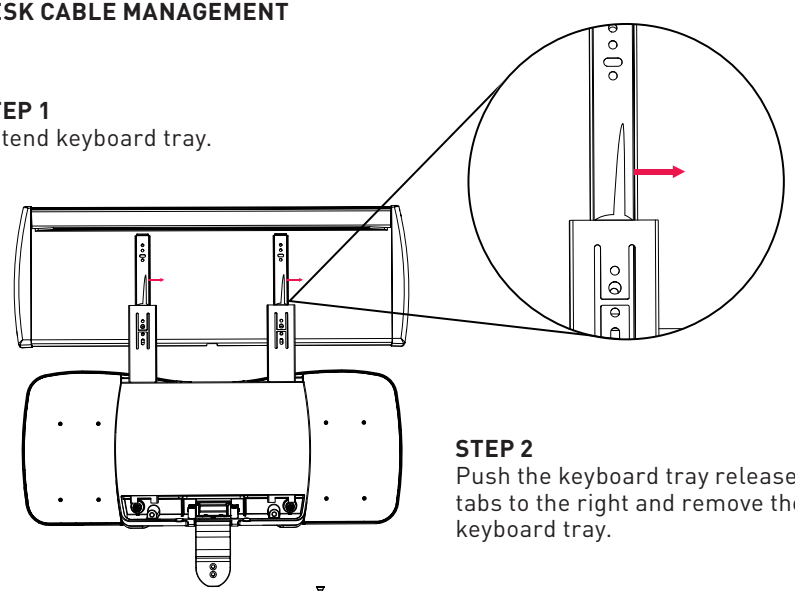




STEP 2
Replace the rubber cable management insert and plastic cover plate.

eDESK CABLE MANAGEMENT

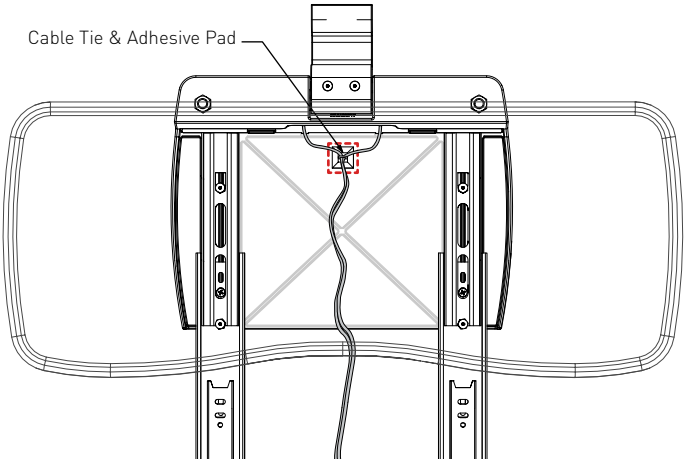
STEP 1
Extend keyboard tray.



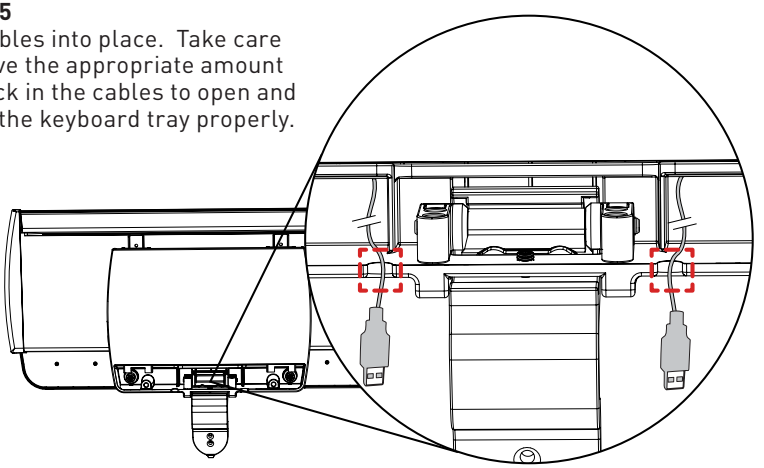
STEP 2
Push the keyboard tray release tabs to the right and remove the keyboard tray.

STEP 3
Place adhesive pad with cable tie into place as shown.

STEP 4
Lay the mouse and keyboard cables into place and allow the ends of the cables to hang out of the bottom of the eDesk.

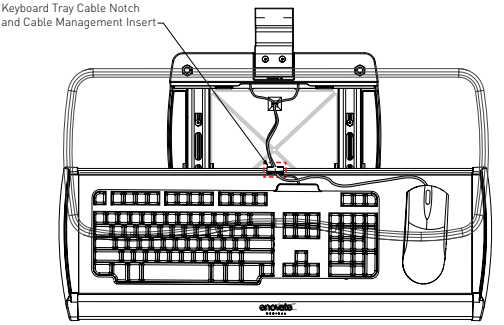


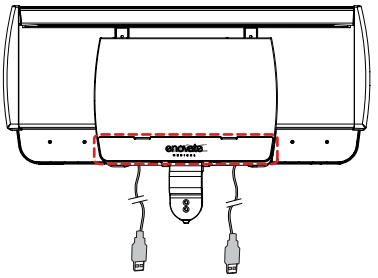
STEP 5
Tie cables into place. Take care to leave the appropriate amount of slack in the cables to open and close the keyboard tray properly.



STEP 6
Replace the keyboard tray and place the mouse and keyboard into place.

STEP 7
Run the mouse and keyboard cables thought the keyboard notch and replace the rubber keyboard cable management insert.

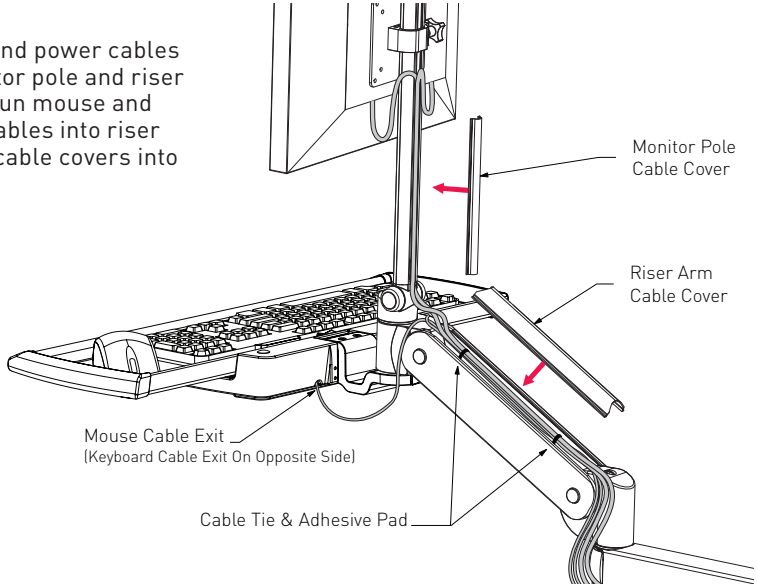




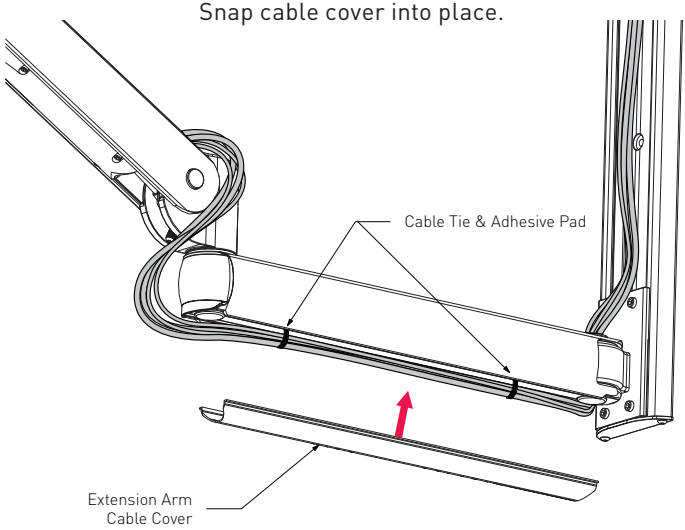
STEP 8
Replace the plastic cover plate.

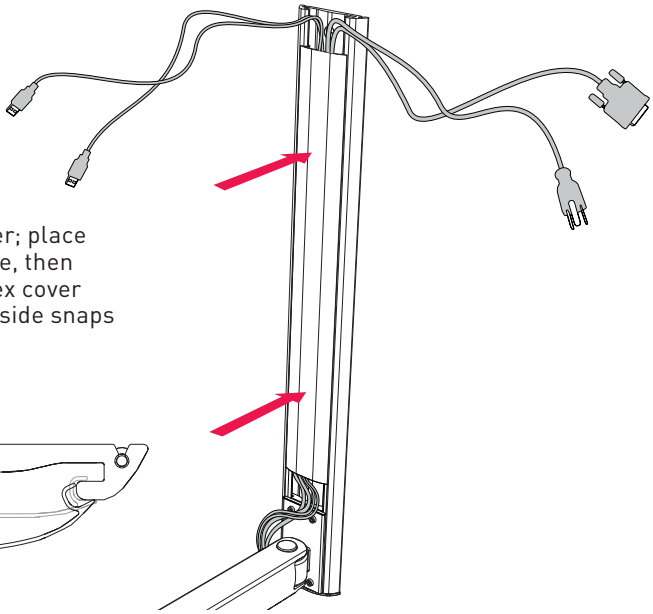
RISER ARM CABLE MANAGEMENT

STEP 1
Run video and power cables down monitor pole and riser arm. Also run mouse and keyboard cables into riser arm. Snap cable covers into place.

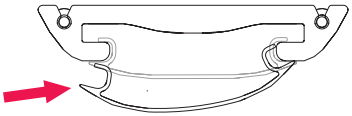


STEP 2
Run cables along extension arm (if applicable) and up wall track. Snap cable cover into place.

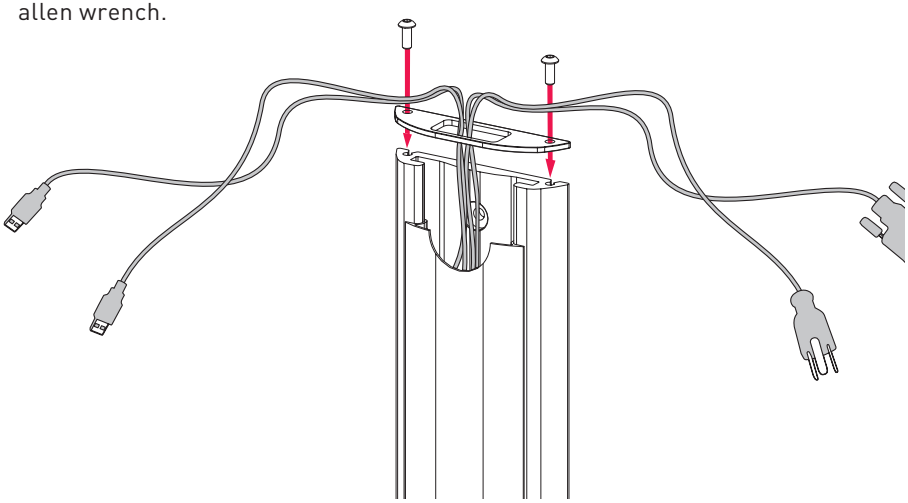




STEP 3
Install wall track cover; place a single side into place, then starting at one end flex cover inward until opposite side snaps into place.

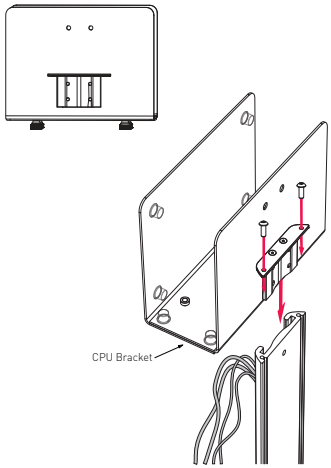


STEP 4 (WITHOUT CPU BRACKET)
Secure top plate with 10-24 x 1/2" button head screws and a 1/8" allen wrench.

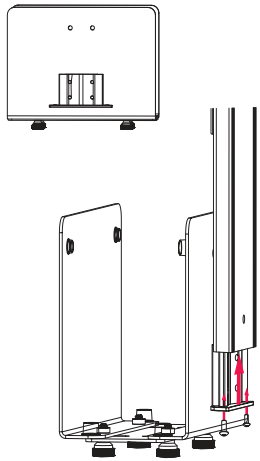


STEP 4.2 (WITH CPU BRACKET)
Insert CPU bracket into wall track.

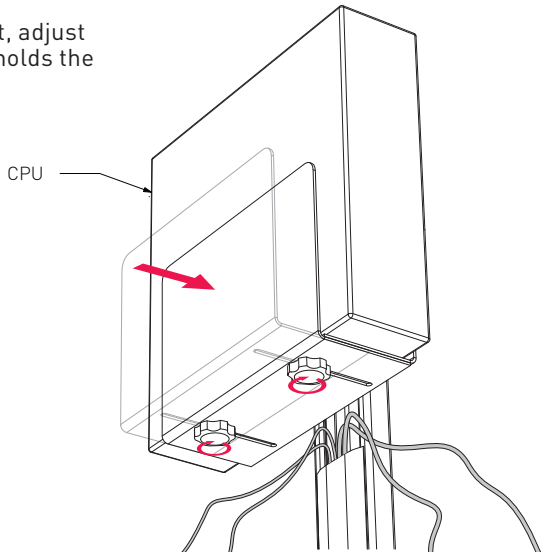
Top of wall track install.



Bottom of wall track install
Remove CPU bracket mount and replace as shown.



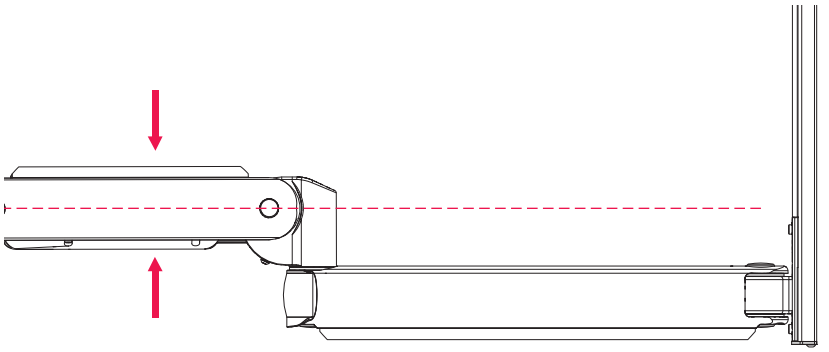
STEP 5
Place CPU into CPU Bracket, adjust front plate until it securely holds the CPU, then tighten knobs.



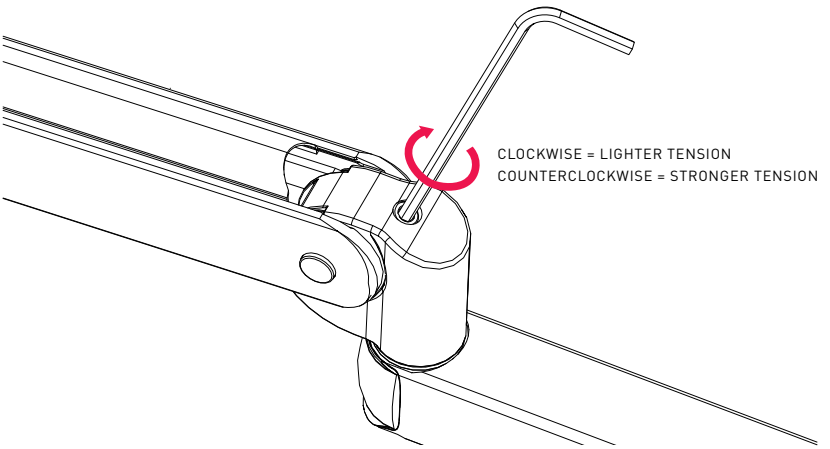
Adjustments

RISER ARM VERTICAL TENSION ADJUSTMENT
Adjustments should be made only
after all peripherals are installed.

STEP 1
Ensure riser arm is parallel to the floor

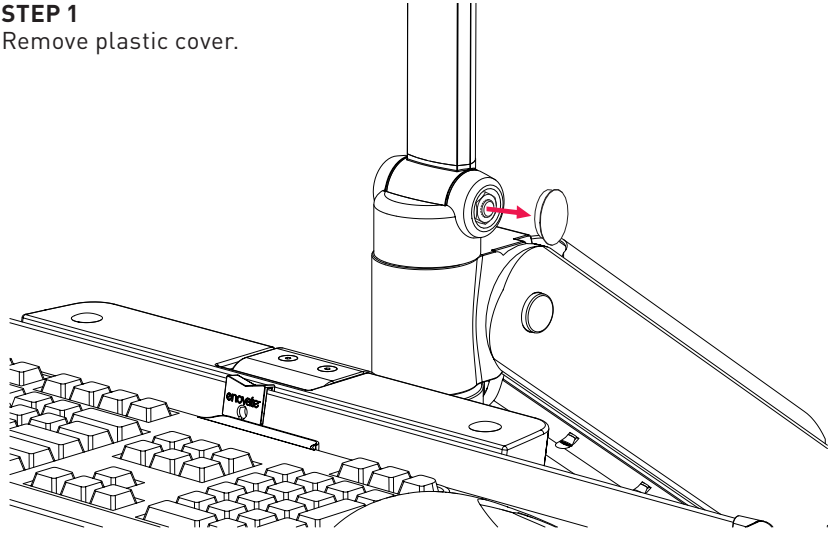


STEP 2
Using 5/16" allen wrench adjust screw
clockwise or counterclockwise.

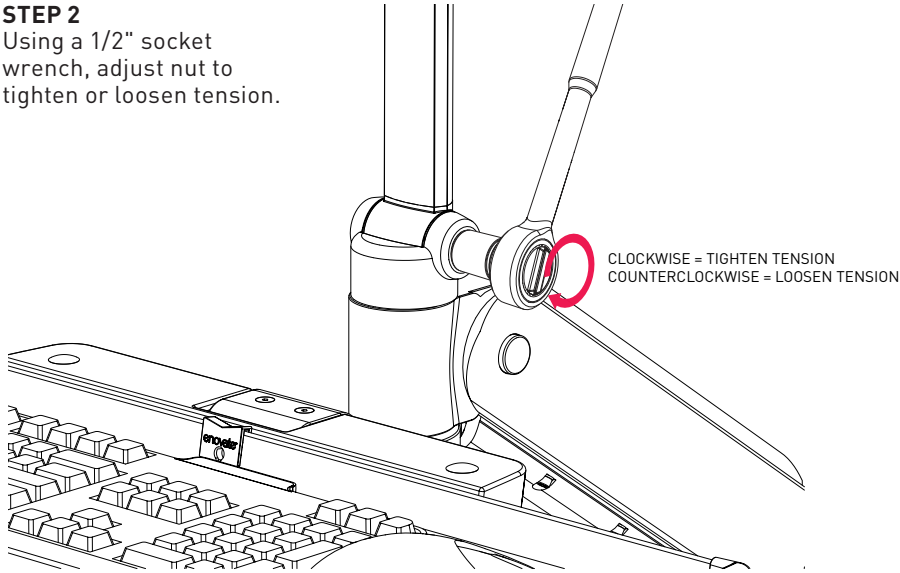


MONITOR POLE TENSION ADJUSTMENT

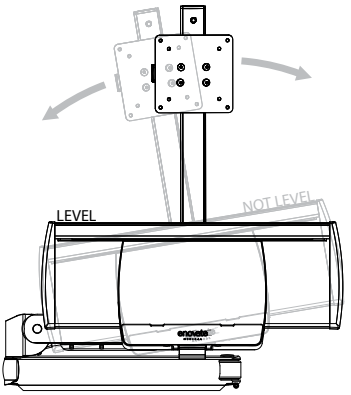
STEP 1
Remove plastic cover.



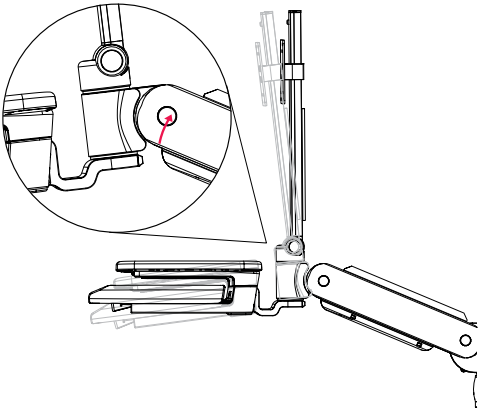
STEP 2
Using a 1/2" socket wrench, adjust nut to tighten or loosen tension.



WORK SURFACE AND MONITOR LEVELING



Movement when folded



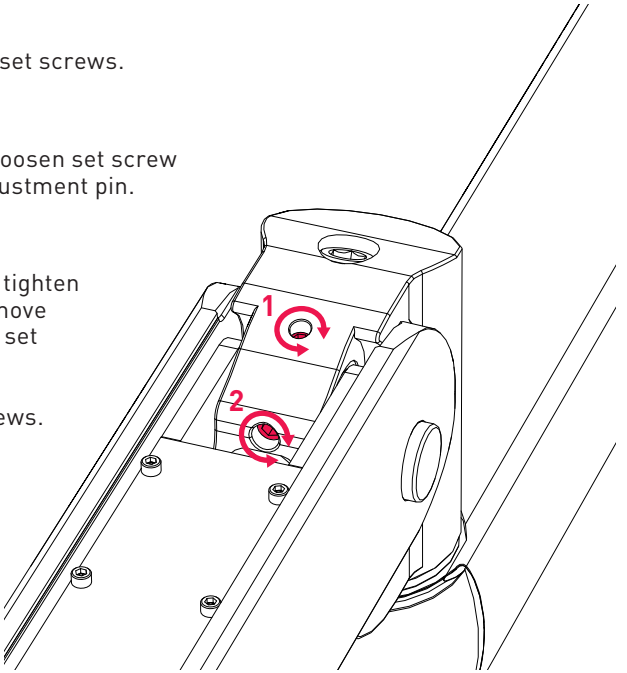
Movement when extended

STEP 1
Lower riser arm to access set screws.

STEP 2
Using a 1/8" allen wrench loosen set screw #1, this will unlock the adjustment pin.

STEP 3
Using a 4mm allen wrench tighten or loosen set screw #2 to move adjustment pin. Re-tighten set screw #1.

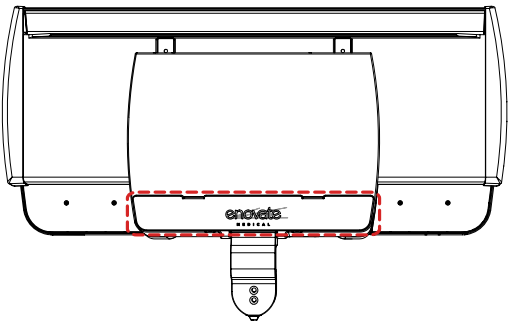
Do not over tighten set screws.



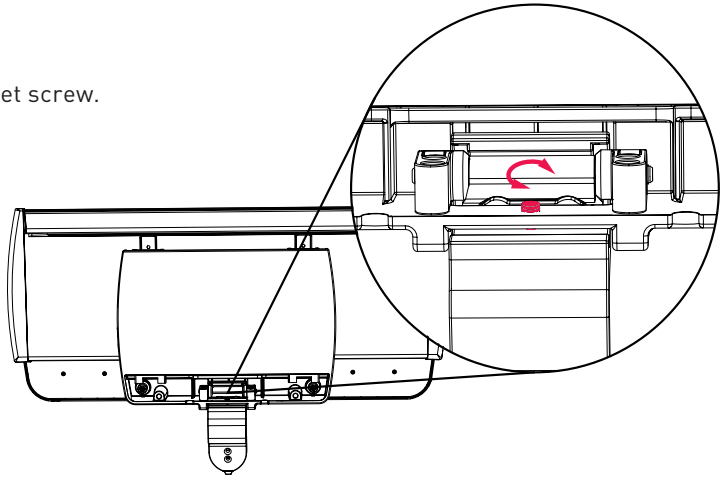
KEYBOARD TILT

STEP 1
Fold eDesk to stored position.

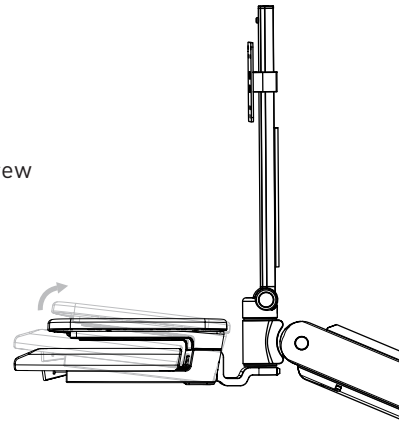
STEP 2
Remove plastic cover plate.



STEP 3
Locate the set screw.



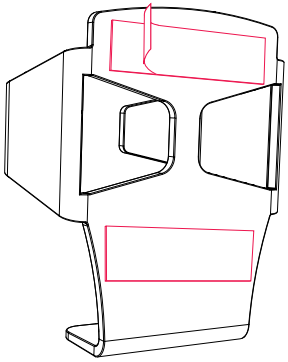
STEP 4
Using a 1/8" allen wrench turn the set screw clockwise to the desired position.



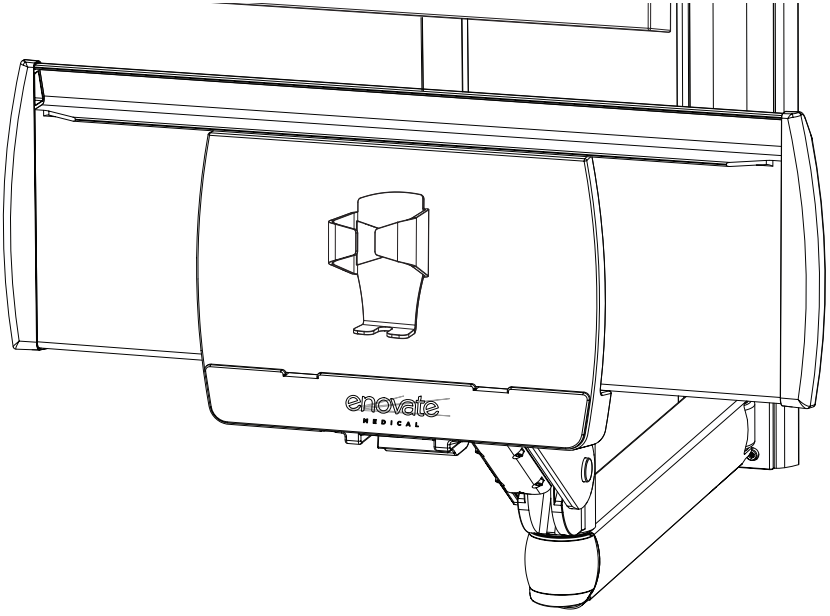
Accessories

MOUNTING MOUSE HOLDER (STANDARD TRAY)

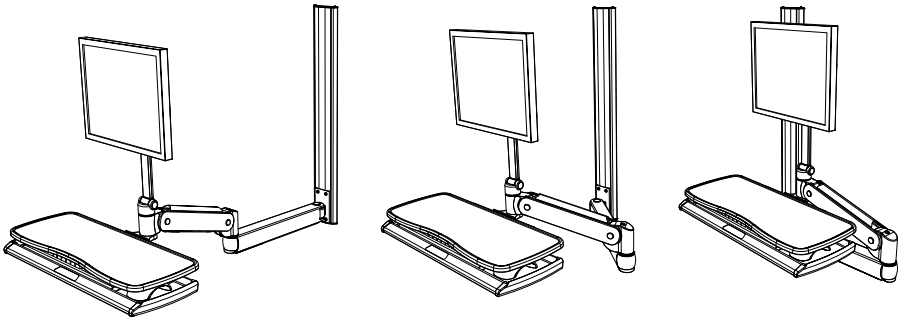
STEP 1
Peel backing from two-sided tape on back of mouse holder.



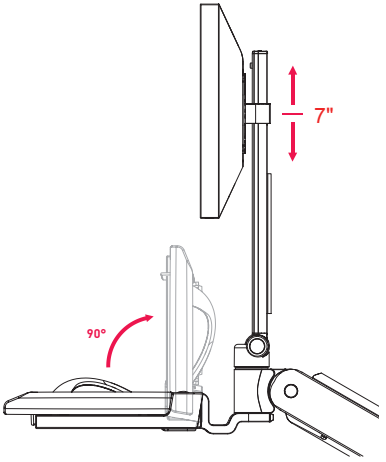
STEP 2
Place mouse holder.



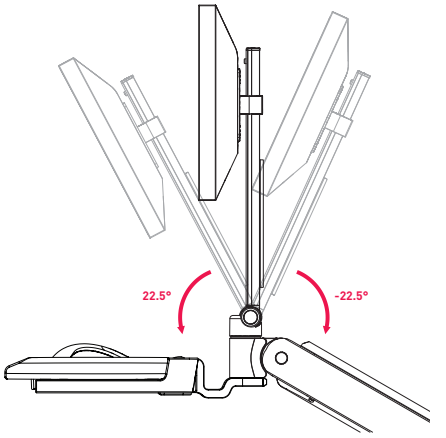
Movement



ARM EXTENSION

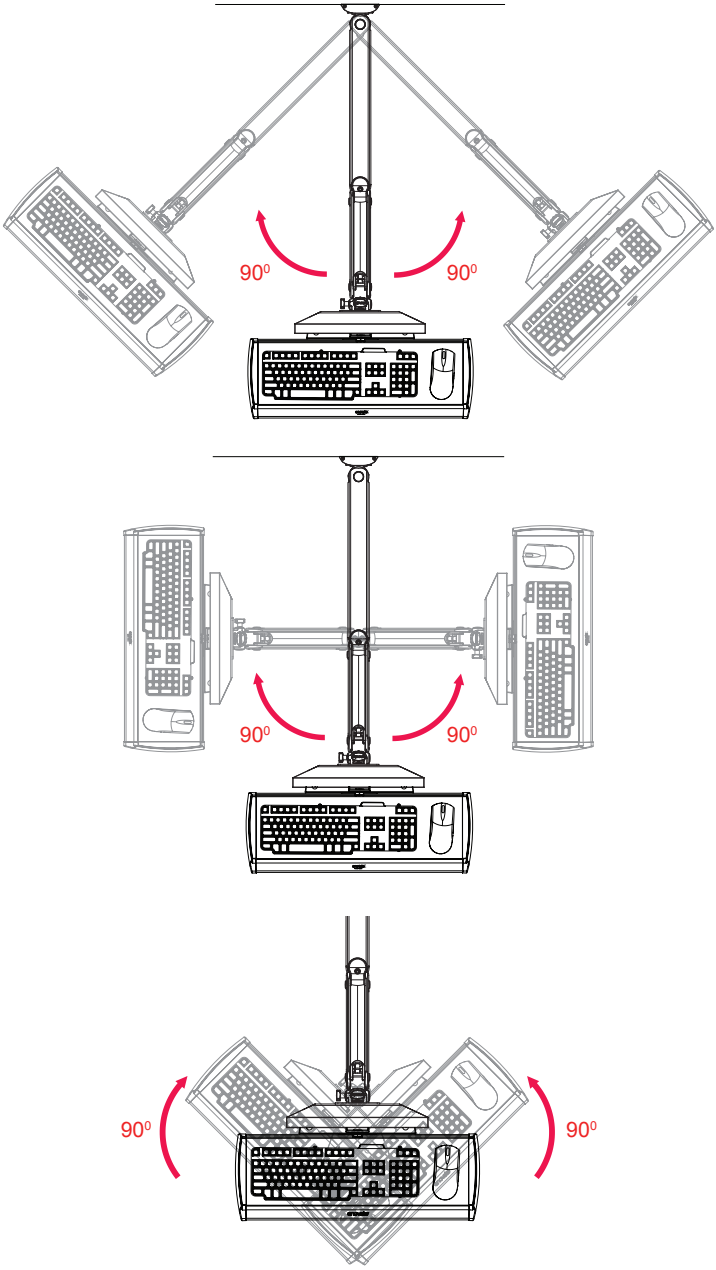


KEYBOARD TILT

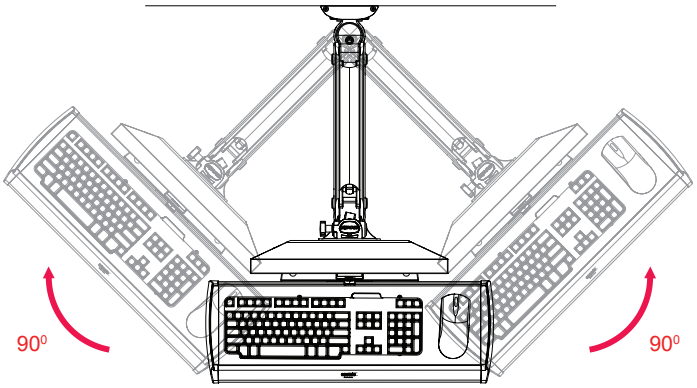


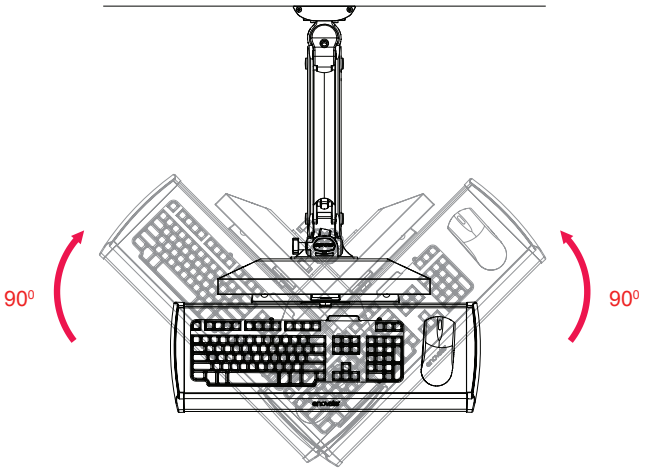
MONITOR TILT

RANGE OF MOVEMENT (WITH EXTENSION ARM)



RANGE OF MOVEMENT (NO EXTENSION ARM)





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